

Title (en)  
Gripping unit.

Title (de)  
Greifelement.

Title (fr)  
Élément de serrage.

Publication  
**EP 0065939 A2 19821201 (EN)**

Application  
**EP 82850112 A 19820514**

Priority  
SE 8103082 A 19810518

Abstract (en)  
A gripping unit (1) intended by means of mechanical contact to be caused to interact with an object (2) for the purpose of maintaining a gripping surface (3) belonging to the gripping unit in a fixed position relative to the object, said gripping unit including on the one hand a number of gripping elements (4) and on the other hand a gripping element support (5) connected to the gripping elements, in which the surface (3) of the gripping unit facing the object is in the form of one or more hard, gripping elements (4). Each gripping element (4) is joined directly to the gripping element support (5) by a metallurgical atomic bond. The material used for the gripping element support (5) is selected so as to exhibit considerable elastic rigidity, having the same or essentially the same modulus of elasticity as the material used for the gripping element (5).

IPC 1-7  
**B66C 1/42**; B25B 5/16; B22F 7/06

IPC 8 full level  
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CPC (source: EP US)  
**B22F 7/06** (2013.01 - EP US); **B25B 1/241** (2013.01 - EP US); **B66C 1/42** (2013.01 - EP US); **Y10T 24/309** (2015.01 - EP US); **Y10T 24/33** (2015.01 - EP US); **Y10T 403/477** (2015.01 - EP US)

Cited by  
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